Nov. 12, 1957 L. McGRAW O'BRIEN ET AL 2,812,518

BUILT-IN SHOWER SPRAYS

Filed Aug. 26, 1954

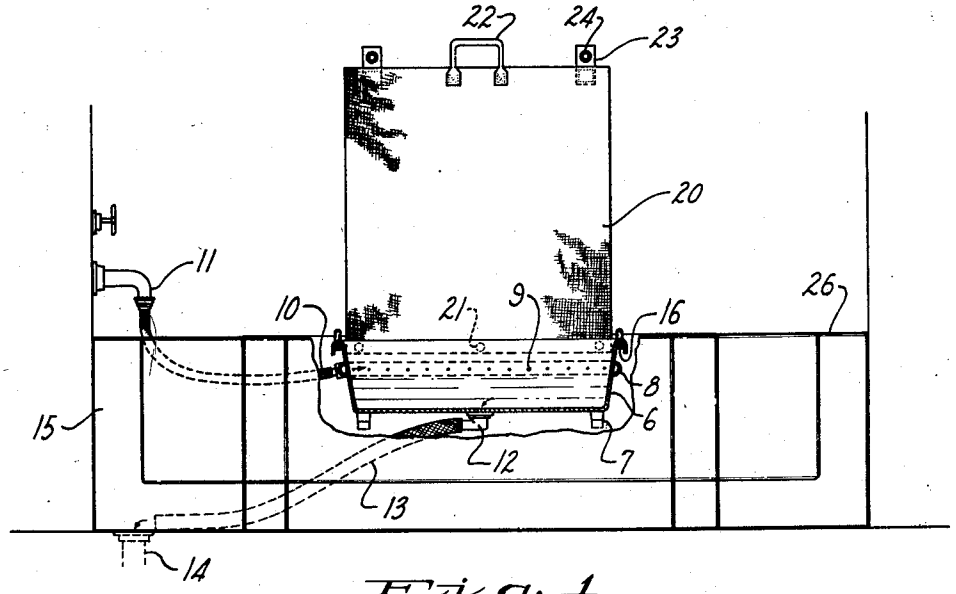


Fig. 1

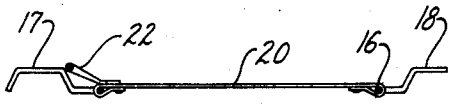


Fig. 4

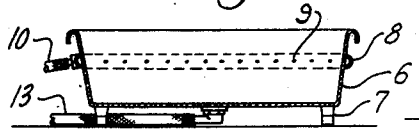


Fig. 5

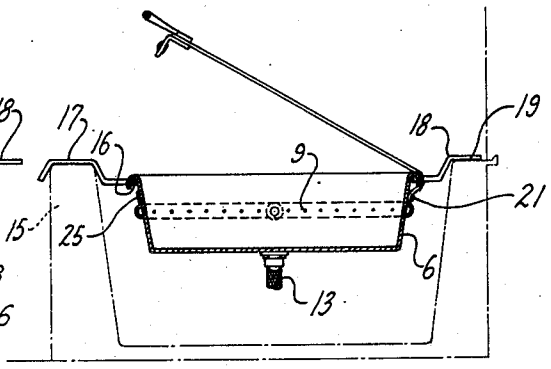


Fig. 2

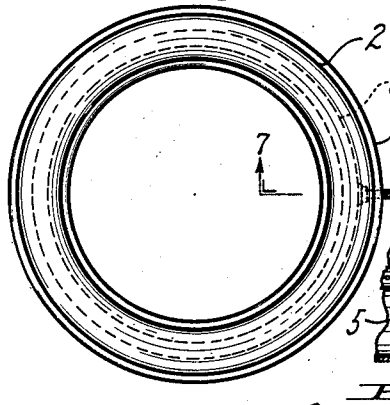


Fig. 6

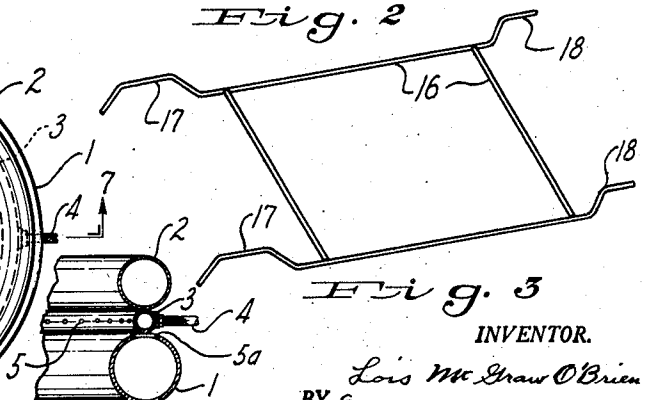


Fig. 7

Fig. 3

INVENTOR.

Lois McGraw O'Brien

BY and William Werder

William B. Jaspert

Attorney.

United States Patent Office 2,812,518 Patented Nov. 12, 1957

2,812,518

BUILT-IN-SHOWER SPRAYS

Lois McGraw O'Brien, Pittsburgh, and William Werder, Turtle Creek, Pa.

Application August 26, 1954, Serial No. 452,258

2 Claims. (Cl. 4—150)

This invention relates to new and useful improvements in shower sprays for foot or infant bathing and for use in wading pools and the like and it is among the objects thereof to provide a miniature foot or body bathing tub or container having a peripheral shower fountain and which shall be adapted to be self-supporting on legs or feet or to be suspended on supporting brackets.

It is a further object of the invention to provide a self-contained bathing implement having a cover secured thereto which shall be adapted to be fastened by snaps to form a seat for supporting an infant when not in use as a shower or tub device.

It is still a further object of the invention to provide a shower sprinkler in the periphery of a bathing device and which is especially adapted for use in plastic wading pools and the like. These and other objects of the invention will become more apparent from the accompanying drawing constituting a part hereof in which like reference characters designate like parts and in which;

Fig. 1 is a front elevational view, partially in section, of a bathtub, partially cut away, and a shower bathing implement embodying the principles of this invention;

Fig. 2, a transverse section, partially in elevation, of the structure shown in Fig. 1;

Fig. 3 is a view in perspective of a mounting bracket for mounting the shower implement on a bathtub;

Fig. 4 is an end elevational view of the bracket of Fig. 3 with a flap or seat attachment;

Fig. 5 is a side elevational view of the shower implement;

Fig. 6, a top plan view of a wading pool illustrating a form of my invention, and;

Fig. 7, a cross sectional view taken along the line 7—7 of Fig. 6.

With reference to Figs. 6 and 7 of the drawing, the numerals 1 and 2 designate inflatable plastic tubes joined by a sprinkler tube 3 which may be made of a more solid non-inflatable type of plastic material, the tubes 1, 2 and 3 being of circular form, as shown in Fig. 6.

The sprinkler tube 3 is provided with a hose connection 4 leading to a source of water supply such as a lawn hose, and the inner periphery of the tube 3 is provided with a series of perforations 5 through which the water is sprayed to the interior of the wading pool of Fig. 6 to afford a pleasing and attractive shower 5 for children playing in the pool when the pool is placed on a lawn or other supporting area. An overflow outlet 5*a* may be provided to maintain the water level below the spray openings 5.

Instead of the inflatable tubular members 1 and 2 of Fig. 7, such members may be straight walls and self-sustaining or they may be of circular or rectangular hollow shape to form a solid wall.

One form of the solid structure is shown in Figs. 1, 2 and 5 of the drawing and consists of a metal, rubber or hard plastic container 6 having feet 7 for supporting it on a floor such as shown in Fig. 5. The container 6 is provided with a conduit portion 8 having perforations 9 on the inner wall of the container which constitutes a shower that is supplied by water through a hose connection 10 that may be attached to a water faucet or spigot 11, as shown in Fig. 1. The bottom of the container is provided with a drain outlet 12 with a hose connection 13 that empties into the drain such as the drain 14 of a tub generally designated by the numeral 15.

The container 6 may be supported on the tub for infant bathing by means of a bracket 16 shown in Fig. 3, having side and end pieces, the side pieces being shaped at 17 to conform to the edge of the tub 15, as shown in Fig. 2, and the other end of the side pieces may terminate in offset portions 18 that rest against the wall edge of the tub, as shown at 19 in Fig. 2.

When used as a foot shower, as shown in Fig. 5, the bracket 16 is not employed, but when used for infant bathing or showering, as in Fig. 1, the bracket 16 adequately supports the foot tub 6 across the bathtub as is shown.

A plastic or canvas cover piece 20 may be attached to the tub 6 or to the bracket 16 as desired. In the form shown in Fig. 1, it is attached by snaps to buttons shown in dotted line at 21 and is provided with a handle 22 at the loose end thereof and flaps 23 with snap buttons 24 that can be snapped onto button 25 provided on the periphery of the tub, as shown in Fig. 2. When thus snapped in position, the entire tub may be removed by lifting the grip 22.

The flap or cover 20, when closed on the tub, serves as a table or support for an infant for drying and powdering purposes and instead of having the flap or cover 20 disposed transversely of the tub, as shown in Figs. 1 and 2, it may be fastened to the bracket 16 and extended from the foot of tub 6 to the end wall 26 of the bathtub to be used as a table as desired.

It is evident from the foregoing description of this invention that foot showers, wading pools and infant tubs can be constructed in a simple and inexpensive manner for infant bathing and for adult foot bathing.

Although one embodiment of the invention has been herein illustrated and described, it will be evident to those skilled in the art that various modifications may be made in the details of construction without departing from the principles herein set forth.

We claim:

1. A foot tub comprising a container having a built-in hollow section around the outer periphery of the wall at substantially the vertical center thereof with perforations on the inner wall communicating with said hollow section for providing a shower spray for bathing the feet or the leg, said tub having a loop flange and a supporting bracket for seating in said flange said bracket being provided with overhanging ends for supporting the same on the edge of a bathtub or the like, a hose connection for the hollow section on the exterior of the tub and a drain connection at the bottom of said tub.

2. A washing appliance comprising a container having a built-in-hollow section around the outer periphery of the wall at substantially the vertical center thereof with perforations on the inner wall communicating with said hollow section to provide a shower spray towards the center of the container, said container having a hose connection externally on said hollow section and a drain connection in the base, said container having looped flanges for resting on a supporting bracket across a bathtub and having a flap with means for attaching one end to said container, said flap being of a dimension substantially coextensive with the top opening of said container and means for fastening the other end of said flap to constitute a table on said container.

(References on following page)

References Cited in the file of this patent

UNITED STATES PATENTS

735,514	Honeier	Aug. 4, 1903
755,747	Coile	Mar. 29, 1904
1,103,516	Joy et al.	July 14, 1914
1,139,576	Presson	May 18, 1915
1,296,075	Grannis	Mar. 4, 1919
1,501,833	Amsel	July 15, 1924
1,545,446	Paulet	July 7, 1925
1,808,376	Polacek et al.	June 2, 1931
2,443,440	Alverez	June 15, 1948
2,471,302	Boward	May 24, 1949
2,487,228	Feichtmeir	Nov. 8, 1949

FOREIGN PATENTS

4,205	Great Britain	1899
22,301	Great Britain	1902